



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

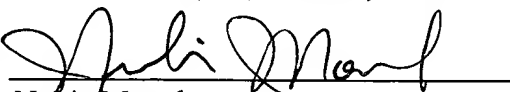
APPLICANT: Sandeep K. Singhal et al.
APPLICATION NO.: 09/848,662
FILING DATE: May 3, 2001
TITLE: Adapting Short-Range Wireless Access Points for Participation in a
Coordinated Networked Environment (as amended)
EXAMINER: Ilwoo Park
GROUP ART UNIT: 2182
ATTY. DKT. NO.: 20423-10011

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: September 25, 2006

By:


Nubia Morad

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☐ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☒ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this

certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
SANDEEP K. SINGHAL ET AL.

Dated: September 25, 2006

By: /Brian Hoffman/
Brian M. Hoffman, Reg. No.: 39,713
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (415) 875-2484
Fax.: (650) 938-5200



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	09/848,662
Filing Date	May 3, 2001
First Named Inventor	Sandeep K. Singhal
Art Unit	2182
Examiner Name	Angel L. Casiano
Attorney Docket Number	20423-10011

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-2003/00224795 A1	12-04-2003	Wilhoite et al.
	A2	US-6,650,902	11-18-2003	Richton
	A3	US-6,606,323	08-12-2003	Ramamurthy et al.
	A4	US-2003/0139180 A1	07-24-2003	McIntosh et al.
	A5	US-6,549,625	04-15-2003	Rautila et al.
	A6	US-6,535,493	03-18-2003	Lee et al.
	A7	US-6,526,275	02-25-2003	Calvert
	A8	US-2003/004758 A1	01-02-2003	Luttrell
	A9	US-6,493,539	12-10-2002	Falco et al.
	A10	US-2002/0160806 A1	10-31-2002	Arazi et al.
	A11	US-6,452,498	09-17-2002	Stewart
	A12	US-2002/0035699 A1	03-21-2002	Crosbie
	A13	US-2001/0044305 A1	11-22-2001	Reddy et al.
	A14	US-6,351,646	02-26-2002	Jellema et al.
	A15	US-6,249,252	06-19-2001	Dupray
	A16	US-5,848,064	12-08-1998	Cowan
	A17	US-5,752,193	05-12-1998	Scholefield et al.
	A18	US-5,751,704	05-12-1998	Kostic et al.
	A19	US-5,737,318	04-07-1998	Melnik
	A20	US-5,623,495	04-22-1997	Eng
	A21	US-5,181,200	01-19-1993	Harrison
	A22	US-5,159,592	10-27-1992	Perkins

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20423/10011/DOCS/1657876.1

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

SEP 25 2006

Sheet

2

of

3

Complete if Known

Application No.	09/848,662
Filing Date	May 3, 2001
First Named Inventor	Sandeep K. Singhal
Art Unit	2182
Examiner Name	Angel L. Casiano
Attorney Docket Number	20423-10011

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	B1	EP 1 139 632 A2	10-04-2001	Mitsubishi Denki Kabushiki Kaisha	
	B2	EP 0 944 203 A2	09-22-1999	Nokia Mobile Phones Ltd.	
	B3	EP 0 917 328 A2	05-19-1999	Lucent Technologies, Inc.	
	B4	EP 0 851 633 A2	07-01-1998	Lucent Technologies Inc.	
	B5	EP 0 740 440 A2	10-30-1996	AT&T IPM Corp.	
	B6	EP 0 589 522 B1	03-05-1997	Philips Electronics N.V.	
	B7	EP 0 483 551 B1	01-22-1997	International Business Machines Corporation	
	B8	WO 01/58177 A2	08-09-2001	Orange Personal Communications Services Limited	
	B9	WO 01/28185 A1	04-19-2001	Telefonaktienbolaget LM Ericsson	
	B10	WO 01/06734 A2	01-25-2001	3Comm Corporation	
	B11	WO 00/69186 A1	11-16-2000	Telefonaktienbolaget LM Ericsson	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	AZIZ, A. et al., "Privacy and Authentication for Wireless Local Area Networks: A Secure Communications Protocol to Prevent Unauthorized Access," IEEE Personal Communications, IEEE Communications Society, US, vol. 1, No. 1, 1994, pp. 25-31, XP000460719, ISSN: 1070-9916.	
	C2	BHARGHAVAN, V., "Secure Wireless LANs," 2 nd ACM Conference on Computer and Communications Security, Nov. 2, 1994, pp. 10-17, XP002155490.	
	C3	European Search Report, EP 01966271.7, 4 pages.	
	C4	HAARTSEN, J., "Bluetooth: Vision, Goals, and Architecture," Mobile Computing and Communications Review, ACM, New York, NY, US, vol. 2, No. 4, Oct. 1, 1998, pp. 38-45, XP000784002.	
	C5	JUE, J.P. et al., "Design and Analysis of Replicated Servers to Support IP –Host Mobility in Enterprise Networks," Communications, 1997. IDD '97 Montreal, QUE., Canada, 8-12 Jun. 1997, New York, NY, USA, IEEE, US, Jun. 8, 1997, pp. 1256-1260, XP010226957 ISBN: 0-7803-3925-8.	
	C6	LIN, H. et al., "Authentication in Wireless Communications," Global Telecommunications Conference, 1993, including a Communications Theory Mini-Conference. Technical Program Conference Record, IEEE in Houston.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20423/10011/DOCS/1657876.1

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	09/848,662
Filing Date	May 3, 2001
First Named Inventor	Sandeep K. Singhal
Art Unit	2182
Examiner Name	Angel L. Casiano
Attorney Docket Number	20423-10011



3 of 3

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C7	Notification of Transmittal of the International Search Report, PCT/US01/26659, February 18, 2002, 6 pages.	
	C8	Notification of Transmittal of the International Search Report, PCT/US01/26520, January 24, 2003, 9 pages.	
	C9	Notification of Transmittal of the International Search Report, PCT/US01/24821, August 30, 2002, 7 pages.	
	C10	Notification of Transmittal of the International Preliminary Examination Report, PCT/US01/26659, October 23, 2002, 8 pages.	
	C11	PRASAD, A. et al., "Security Architecture for Wireless LANs: Corporate & Public Environment," VTC 2000-SPRING, 2000 IEEE 51 st Vehicular Technology Conference Proceedings, Tokyo, Japan, May 15-18, 2000.	
	C12	SNOEREN et al., "An End-to-End Approach to Host Mobility," 6 th ACM/IEEE International Conference on Mobile Computing and Networking (MobiCom '00), August 2000, Boston, MA.	
	C13	SRISURESH, P. et al., "IP Network Address Translator (NAT) Terminology and Considerations," XP-002204216, Request for Comments 2663, published by the Internet Society, Aug. 1999.	
	C14	"3Com Introduces Industry's First Layer 3 Wireless LAN Security Solution," published at http://www.3com.com/news/releases/pr00/jul0500a.html , Jul. 5, 2000, Santa Clara, CA.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20423/10011/DOCS/1657876.1